



### ***Water Walk***

Students become acquainted with their Hydrology Study Site and profile its characteristics.

### ***Model Your Watershed***

Students will combine their own local observations with a topographic map and satellite-derived imagery to construct a three-dimensional model of their watershed.

### ***Practicing the Protocols***

In the classroom, students practice using the instruments or kits and protocols, the range of measurements and explore sources of variation and error.

### ***Invisible Passengers***

This classroom activity will demonstrate to students that water contains “invisible passengers,” substances in the water that affect its characteristics. They will describe a variety of natural and introduced materials that are found in bodies of water, and observe the effects of silt, sand, gravel, salt and odor sources on water.

### ***The pH Game***

Students will play a game to better understand the importance of pH levels.

### ***What Can Live Here?***

Students compare the hydrology data collected to the range of tolerances for a variety of aquatic organisms.

### ***Further Investigations Using GLOBE Data***

Suggestions for examining the relationships between hydrology data and other types of GLOBE data, or hydrology data from other sites.